

05 October 2006

DOD CERTIFIED ANTI-RAM VEHICLE BARRIERS

(THE FOLLOWING BARRIERS MEET THE CERTIFICATION CRITERIA OF
SD-STD-02.01, REVISION A, DATED MARCH 2003, WITH THE EXCEPTION OF PENETRATION,
WHICH HAS BEEN EVALUATED FOR CONFORMANCE WITH SD-STD-02.01, APRIL 1985)

ALL BARRIERS CONTAINED IN THE CURRENT *DS CERTIFIED ANTI-RAM VEHICLE BARRIERS*
LIST ARE ALSO TO BE CONSIDERED DOD CERTIFIED

The following table contains equipment that has been approved by the Protective Design Center for use at DoD facilities.¹

Manufacturer/ Designer/Distributor	Barrier Model	Rating
Ameristar Fence Products 1555 N. Mingo Road Tulsa, OK 74116 (866) 467-2773 Tel (877) 926-3747 Fax	Impasse Stalwart Perimeter Security Fence (3 – 1” Cables)	K12/L2²
B&B ARMR Corp. 9063 Jerry’s Circle Manassas, VA 20110 (703) 335-6006 Tel (703) 335-8822 Fax	850 Portable Vehicle Barrier	K4/L1²
APT Controls The Power House, Chantry Place, Headstone Lane Harrow, Middlesex HA3 6NY +44 (0)20 8421 2411 Tel +44 (0)20 8421 3951 Fax	Titan Road Blocker	K12/L2²
Delta Scientific Corp. 24901 West Ave. Stanford Valencia, CA 91355 (661) 257-1800 Tel (661) 257-0617 Fax	MP5000 Mobile Barricade	K4/L1³
Eagle Security Group International, Inc. 4001 Carmichael Road, Ste. 240 Montgomery, AL 36106 (334) 279-1557 Tel (334) 279-4959 Fax	Eagle Series Active Bollards Osprey Series Portable Wedge Barrier	K12/L2² K4/L2²
Secure USA, Inc. 4250 Keith Bridge Road, Suite 160 Cumming, GA 30041 (770) 205-0789 (770) 889-7939	Secure USA Shallow Wedge Barrier	K4/L1²

The following table includes equipment found in previous versions of the DoS Certified Anti-Ram Vehicle Barrier list. The listed equipment was removed from the DoS list after issuance of SD-STD-02.01, Revision A, March 2003 due to changes that limited penetration to 1 meter or less.¹

Manufacturer/ Designer/Distributor	Barrier Model	Rating
ARMR Services Corp. 9063 Jerry's Circle Manassas, VA 20110 (703) 335-6006 Tel (703) 335-8822 Fax	BTA (retractable bollards) Model B-30 (retractable bollards)	K4/L1² K8/L1²
Crisp & Associates 272 Airport Road Oliver Springs, TN 37840 (865) 435-6602 Tel (865) 435-3648 Fax	VSB-P10 (surface-mounted hydraulic wedge) VSB-F10 (hydraulic wedge)	K12/L1² K12/L3²
Delta Scientific Corp. 24901 West Ave. Stanford Valencia, CA 91355 (661) 257-1800 Tel (661) 257-0617 Fax	TT210 (retractable bollards) TT212EC (hydraulic drop bar) IP500 (portable hydr. drop bar) DSC1100 (surface-mounted hydr. wedge/quick deployment)	K4/L2² K4/L2² K4/L2² K8/L1² & K4/L2²
Intertex Barriers, Inc. 25103 Rye Canyon Loop Valencia, CA 91355 (661) 295-0339 Tel (661) 295-3235 Fax	Portapungi (hydraulic wedge)	K8/L1²
Nasatka Barrier, Inc. 7702-B Old Alexandria Ferry Road Clinton, MD 20735 (301) 868-0301 Tel (301) 868-0524 Fax	NMSB XV (portable barrier)	K4/L1²
Tymetal Corp. 2566 State Route 40 Greenwich, NY 12834 (800) 328-4283 Tel (518) 692-9404 Fax	FIGS (hydraulic sliding gate)	K12/L2² & K4/L3²
Universal Bollard Security Systems 500 W. Illinois Midland, TX 79701 (915) 687-1033 Tel (915) 687-2646 Fax	UBSS (set of six retractable bollards)	K12/L3²

¹ Barrier selection must include an evaluation of site conditions to determine the acceptability and risk associated with use of barrier systems that may allow greater penetration.

² Rating determined from perpendicular barrier impact of 15,000lb. (6810kg) vehicle.
“K” indicates the DOS certified barrier's maximum vehicle impact speed rating; and
“L” indicates the test vehicle's distance of penetration upon impact with barrier.
K12 = 50 mph (80 kph) **L3** = 3 ft. (915 mm) or less
K8 = 40 mph (65 kph) **L2** = 3 ft. to 20 ft. (915 mm to 6.1 m)
K4 = 30 mph (48 kph) **L1** = 20 ft. to 50 ft. (6.1 m to 15.3 m)

³ Rating is actual DoS certified but fell in between the DoS 2003 listing with penetrations and publication of Revision A limiting penetration to 1 meter or less.

Note: Certification of the above barriers applies to crash performance only - not its operational suitability. DOD is not liable for improper installation of the equipment or the reliability of equipment contained in this list.